

## EAST Search History

| Ref # | Hits | Search Query                                  | DBs                                                                        | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------|----------------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 66   | modular near implant & articular near surface | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/18 09:59 |

# EAST Search History

|         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |    |     |                  |
|---------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| L2      | 187         | ("20010012967"   "20010016778"  <br>"20020138150"   "20020198528"  <br>"20030153977"   "20030158606"  <br>"20030220697"   "20030225458"  <br>"20040102852"   "2179250"  <br>"3852830"   "3869731"   "3949428"<br>  "3953899"   "4034418"  <br>"4207627"   "4209861"   "4216549"<br>  "4224696"   "4261064"  <br>"4340978"   "4457307"   "4487203"<br>  "4524766"   "4567885"  <br>"4568348"   "4574794"   "4586933"<br>  "4714474"   "4728332"  <br>"4759350"   "4770663"   "4822366"<br>  "4865606"   "4911721"  <br>"4938762"   "4944760"   "5037423"<br>  "5092895"   "5100409"  <br>"5116375"   "5123927"   "5133760"<br>  "5135760"   "5147406"  <br>"5152796"   "5158342"   "5171244"<br>  "5171282"   "5181925"  <br>"5219362"   "5226916"   "5228459"<br>  "5234433"   "5250050"  <br>"5263498"   "5282866"   "5282868"<br>  "5326359"   "5358527"  <br>"5358529"   "5358530"   "5358531"<br>  "5370699"   "5405395"  <br>"5405398"   "5413604"   "5417693"<br>  "5417695"   "5423822"  <br>"5486178"   "5496324"   "5540696"<br>  "5549684"   "5549685"  <br>"5549688"   "5569255"   "5569259"<br>  "5575793"   "5578039"  <br>"5609639"   "5609642"   "5624443"<br>  "5658292"   "5658342"  <br>"5667511"   "5669914"   "5683468"<br>  "5683469"   "5683470"  <br>"5688280"   "5690636"   "5690638"<br>  "5693056"   "5702466"  <br>"5716360"   "5725584"   "5725596"<br>  "5728162"   "5741264"  <br>"5755800"   "5755803"   "5766255"<br>  "5769854"   "5769855"  <br>"5776200"   "5776201"   "5782925"<br>  "5788701"   "5795353"  <br>"5800438"   "5810830"   "5824098"<br>  "5824104"   "5824105"  <br>"5830216"   "5851183"   "5853415"<br>  "5871541"   "5871545"  <br>"5879354"   "5880976").PN. OR<br>("5885299"   "5891034"  <br>"5906643"   "5925049"   "5951564"<br>  "5951606"   "5964808"  <br>"5976147"   "5989261"   "5997543"<br>  "6002859"   "6010509"  <br>"6013079"   "6013081"   "6013103"<br>  "6018094"   "6056756"  <br>"6056777"   "6059831"   "6063091"<br>  "6083228"   "6090114" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/01/18 10:15 |
| 1/18/08 | 12:00:32 PM |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |    |     | Page 2           |

# EAST Search History

|         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |    |     |                  |
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| L3      | 187         | ("20010012967"   "20010016778"  <br>"20020138150"   "20020198528"  <br>"20030153977"   "20030158606"  <br>"20030220697"   "20030225458"  <br>"20040102852"   "2179250"  <br>"3852830"   "3869731"   "3949428"<br>  "3953899"   "4034418"  <br>"4207627"   "4209861"   "4216549"<br>  "4224696"   "4261064"  <br>"4340978"   "4457307"   "4487203"<br>  "4524766"   "4567885"  <br>"4568348"   "4574794"   "4586933"<br>  "4714474"   "4728332"  <br>"4759350"   "4770663"   "4822366"<br>  "4865606"   "4911721"  <br>"4938762"   "4944760"   "5037423"<br>  "5092895"   "5100409"  <br>"5116375"   "5123927"   "5133760"<br>  "5135760"   "5147406"  <br>"5152796"   "5158342"   "5171244"<br>  "5171282"   "5181925"  <br>"5219362"   "5226916"   "5228459"<br>  "5234433"   "5250050"  <br>"5263498"   "5282866"   "5282868"<br>  "5326359"   "5358527"  <br>"5358529"   "5358530"   "5358531"<br>  "5370699"   "5405395"  <br>"5405398"   "5413604"   "5417693"<br>  "5417695"   "5423822"  <br>"5486178"   "5496324"   "5540696"<br>  "5549684"   "5549685"  <br>"5549688"   "5569255"   "5569259"<br>  "5575793"   "5578039"  <br>"5609639"   "5609642"   "5624443"<br>  "5658292"   "5658342"  <br>"5667511"   "5669914"   "5683468"<br>  "5683469"   "5683470"  <br>"5688280"   "5690636"   "5690638"<br>  "5693056"   "5702466"  <br>"5716360"   "5725584"   "5725596"<br>  "5728162"   "5741264"  <br>"5755800"   "5755803"   "5766255"<br>  "5769854"   "5769855"  <br>"5776200"   "5776201"   "5782925"<br>  "5788701"   "5795353"  <br>"5800438"   "5810830"   "5824098"<br>  "5824104"   "5824105"  <br>"5830216"   "5851183"   "5853415"<br>  "5871541"   "5871545"  <br>"5879354"   "5880976").PN. OR<br>("5885299"   "5891034"  <br>"5906643"   "5925049"   "5951564"<br>  "5951606"   "5964808"  <br>"5976147"   "5989261"   "5997543"<br>  "6002859"   "6010509"  <br>"6013079"   "6013081"   "6013103"<br>  "6018094"   "6056756"  <br>"6056777"   "6059831"   "6063091"<br>  "6083228"   "6090114" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/01/18 11:16 |
| 1/18/08 | 12:00:32 PM |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |    |     | Page 3           |

## EAST Search History

|    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |    |     |                  |
|----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| L4 | 95 | ("20010016778"   "20020022890"  <br>"20020138150"   "20020198528"  <br>"20030004577"   "20030028196"  <br>"20030093156"   "20030153977"  <br>"20030153979"   "20030158606"  <br>"20030204263"   "20030220697"  <br>"20030225457"   "20030225458"  <br>"20040073315"   "20040102582"  <br>"20040117023"   "20040117024"  <br>"20040143336"   "20050107884"  <br>"20050278034"   "20060004460"  <br>"4081866"   "4217666"   "4224696"<br>  "4309778"   "4340978"  <br>"4470158"   "4479271"   "4502161"<br>  "4627853"   "4822366"  <br>"5037439"   "5092895"   "5100409"<br>  "5116375"   "5122144"  <br>"5123928"   "5147406"   "5176684"<br>  "5181925"   "5226916"  <br>"5258032"   "5282868"   "5312411"<br>  "5330534"   "5358529"  <br>"5358530"   "5405395"   "5405398"<br>  "5549684"   "5549688"  <br>"5556433"   "5569259"   "5702464"<br>  "5702466"   "5725584"  <br>"5728162"   "5755800"   "5755803"<br>  "5766255"   "5769855"  <br>"5776201"   "5782925"   "5824105"<br>  "5871545"   "5879391"  <br>"5902340"   "5906643"   "5911758"<br>  "5964808"   "6013103"  <br>"6077270"   "6123729"   "6126693"<br>  "6132468"   "6165223"  <br>"6168629"   "6171340"   "6171342"<br>  "6190415"   "6197064"  <br>"6214051"   "6214952"   "6235060"<br>  "6245110"   "6299645"  <br>"6364911"   "6383222"   "6402786"<br>  "6482209"   "6589283"  <br>"6743258"   "6749638"  <br>"7115131").PN. OR ("7297164").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | OFF | 2008/01/18 11:25 |
| L5 | 0  | modular near joint near surface &<br>polymeric near material & (heat or<br>energy near source)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/18 11:27 |

## EAST Search History

|     |      |                                                                                          |                                                                            |    |    |                  |
|-----|------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| L6  | 0    | modular near joint near implant & polymeric near material & (heat or energy near source) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:27 |
| L7  | 17   | modular near joint & polymeric near material & (heat or energy near source)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:33 |
| L8  | 6621 | surface & polymeric near material & (heat or energy near source) & implant               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:33 |
| L9  | 20   | abutting near surface & polymeric near material & (heat or energy near source) & implant | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:43 |
| L10 | 3    | abutting near surface & polymeric near material & ultrasonic near energy & implant       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:44 |
| L11 | 347  | polymeric near material & ultrasonic near energy & implant                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:45 |
| L12 | 33   | polymeric near material & ultrasonic near energy & implant near portion                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 11:50 |

## EAST Search History

|     |     |                                                                                            |                                                                            |    |     |                  |
|-----|-----|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| L13 | 283 | polymeric near material & ultrasonic<br>near energy & implant & (abut\$4 or<br>connect\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/18 11:56 |
| L14 | 8   | "6168629"                                                                                  | USPAT                                                                      | OR | OFF | 2008/01/18 11:56 |
| L15 | 362 | "4577631"                                                                                  | USPAT                                                                      | OR | OFF | 2008/01/18 11:56 |
| L16 | 3   | ((("4740207") or ("4577631") or<br>("6168629"))).PN.                                       | USPAT                                                                      | OR | OFF | 2008/01/18 11:57 |